

Title (en)

METHOD FOR PREPARING MATERIAL FROM BIOLOGICAL TISSUE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MATERIAL AUS BIOLOGISCHEM GEWEBE

Title (fr)

PROCÉDÉ DE PRÉPARATION DE MATÉRIAU À PARTIR DE TISSU BIOLOGIQUE

Publication

**EP 3318288 A1 20180509 (EN)**

Application

**EP 16197530 A 20161107**

Priority

EP 16197530 A 20161107

Abstract (en)

The invention relates to a method for preparing a biological tissue for a medical application, particularly for use in a heart valve prosthesis, wherein the method comprises the steps of: decellularizing the biological tissue by means of a decellularizing solution for obtaining an acellular extracellular matrix, solubilizing the extracellular matrix of the biological tissue, and crosslinking collagen fibers of the solubilized extracellular matrix.

IPC 8 full level

**A61L 27/24** (2006.01); **A61L 27/36** (2006.01); **A61L 27/50** (2006.01); **A61L 27/56** (2006.01)

CPC (source: EP US)

**A61L 27/24** (2013.01 - EP US); **A61L 27/3633** (2013.01 - EP US); **A61L 27/3687** (2013.01 - US); **A61L 27/507** (2013.01 - EP US); **A61L 27/56** (2013.01 - EP US); **A61L 2430/20** (2013.01 - EP US); **A61L 2430/40** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2013158658 A1 20130620 - HAYZLETT MARK [US]
- [X] EP 2893905 A1 20150715 - COOK BIOTECH INC [US], et al
- [E] EP 3165239 A1 20170510 - BIOTRONIK AG [CH]
- [Y] US 2015282930 A1 20151008 - LEHENBERGER NINA [DE], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3318288 A1 20180509**; EP 3534979 A1 20190911; EP 3534979 B1 20240228; US 11571495 B2 20230207; US 2019224369 A1 20190725; WO 2018083305 A1 20180511

DOCDB simple family (application)

**EP 16197530 A 20161107**; EP 17797307 A 20171106; EP 2017078351 W 20171106; US 201716340936 A 20171106